Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 16 Jan 2021 until 23:59 on Sunday 17 Jan 2021

Forecast Issued on Friday 15 Jan 2021 at 16:52

Confidence: High for the band of snow and rain crossing from the west Saturday morning, becoming medium for the extent of the showers later Saturday and through Sunday, then low for any detail of showers or longer periods of rain and summit snow from Monday.

Headline for Saturday 16 Jan 2021: Periods of snow and rain clearing to showers around mid-day with freezing levels rising.

Mountain weather hazards on Saturday 16 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Heavy snow	Heavy snow	Light rain	Light rain showers	Light rain showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
60%	90%	>95%	70%	40%	30%	10%	10%

Forecast for Saturday 16 Jan 2021

Weather: Overcast overnight with periods of snow and rain. Snow initially to all levels rising to around 500m come dawn, then above all peaks by mid-morning. Rain gradually clearing from the west late morning and early afternoon, with outbreaks frequent at first becoming isolated by late afternoon, with few remaining for the evening.

Chance of cloud free mountain/hill tops above 600m: 30% at first with bases broken to extensive from 450-650m, becoming 80% from late afternoon as bases lift and break.

Visibility: Handful of kilometres or less in early periods of rain and snow, also sporadically in later showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Saturday 16 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/36 S	30/42 S	33/44 S	28/38 S	20/27 W	26/34 W	26/35 W	22/31 W	24/32 W
300	21/32 S	24/34 S	28/38 S	21/31 S	16/23 W	20/29 W	19/28 W	16/26 W	17/26 W
Valley	9/23 S	14/31 S	15/33 S	12/28 S	10/23 W	14/30 W	12/27 W	10/26 W	12/26 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	-0/-9	-0/-8	1/-7	3/-3	3/-3	2/-5	1/-6	1/-6
300	0/-6	1/-6	2/-5	3/-3	5/1	5/0	4/-1	4/-1	3/-2
Valley	0/-4	2/-3	2/-3	3/-1	6/2	6/2	5/1	4/-0	4/-0
Freezing Level*	200m	400m	700m	1100m	1100m	1100m	800m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Worst of the conditions expected early morning when hill fog will be extensive in driving snow and rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 15 Jan 2021	3.2mm	32.8mm	42.6mm

Forecast for Sunday 17 Jan 2021

Weather: Sunshine and showers, these quite isolated by day, then heavier and more frequent during the evening. Snow level occasionally lowering to highest summits.

Maximum wind: West 20-25mph at first with gusts reaching 35mph. Winds gradually easing from mid-day.

Chance of cloud free mountain/hill tops above 600m: 90% with bases lowering across the summits as showers pass through.

Visibility: Good or very good, becoming a moderate or poor in showers.

Temperature: **Valleys:** Minus 2 Celsius increasing 7 Celsius for the afternoon
At 600m: Zero to plus 1 Celsius
Freezing level: 600-700m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved